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PATENT  
Attorney Docket No. 53262-20100.00**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re patent application of: Group Art Unit: To Be Assigned  
Thierry LACOUR et al. Examiner: To Be Assigned  
U.S. Application No.: To Be Assigned U.S. Filing Date: December 23, 2004  
PCT Application No.: PCT/EP03/07028 Int'l Filing Date: July 2, 2003  
Title: **PLASMID VECTORS FOR TRANSFORMATION OF FILAMENTOUS FUNGI**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

**INFORMATION DISCLOSURE STATEMENT**

In accordance with 37 C.F.R. §§ 1.97 and 1.98, and in compliance with the duty of disclosure set forth in 37 C.F.R. § 1.56, applicants submit herewith copies of the references listed on the attached Form PTO SB/08a/b for consideration and to be made of record herein by the U.S. Patent and Trademark Office in the above-captioned application.

Attached documents numbered 2, 7-13, 15-18 and 20-23 on the Form PTO SB/08a/b were cited in an International Search Report, mail dated April 22, 2004, of the corresponding International Application No. PCT/EP03/07028, a copy of which is enclosed.

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The information contained in this Information Disclosure Statement under 37 C.F.R. § 1.97 and § 1.98 is not to be construed as a representation that: (i) a complete search has been made; (ii) additional information material to the examination of this application does not exist; (iii) the information, protocols, results and the like reported by third parties are accurate or enabling; or (iv) the above information constitutes prior art to the subject invention.

Consideration of the foregoing plus the prompt return of a copy of the enclosed Form PTO SB/08a/b with the Examiner's initials in the left column in accordance with MPEP 609 are respectfully requested.

This Information Disclosure Statement is being submitted with the filing of this application; accordingly, no fee is required. However, in the event any fee is deemed necessary, the Commissioner is authorized to charge the undersigned's Deposit Account No. 03-1952.

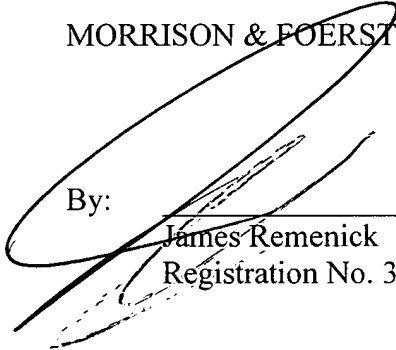
Respectfully submitted,

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\* Dated: December 23, 2004

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Substitute for form 1449/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)				<b>Complete if Known</b>	
				Application Number	To Be Assigned <b>10/519210</b>
				Filing Date	December 23, 2004
				First Named Inventor	Thierry LACOUR et al.
				Art Unit	To Be Assigned
				Examiner Name	To Be Assigned
Sheet	1	of	2	Attorney Docket Number	53262-20100.00

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number Number-Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	1.	6,617,163 B1	09/09/2003	Grosjean-Cournoyer et al.	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)	MM-DD-YYYY			
	2.	WO 99/46362	09/16/1999	logen Corporation		
	3.	WO 00/55346	09/21/2000	Paradigm Genetics, Inc.		
	4.	WO 01/38509	05/31/2001	BASF Plant Science GmbH	English Abstract only	

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NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	5.	Aronson, Benjamin D., et al., "An Efficient Method for Gene Disruption in <i>Neurospora crassa</i> ," <i>Mol. Gen. Genet.</i> , <b>242</b> :490-494 (1994).	
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	7.	Chang, P.K., et al., "The <i>Aspergillus parasiticus</i> Polyketide Synthase Gene <i>pkSA</i> , A Homolog of <i>Aspergillus nidulans</i> <i>wA</i> , is Required for Aflatoxin B <sub>1</sub> Biosynthesis," <i>Mol. Gen. Genet.</i> , <b>248</b> :270-277 (1995).	
	8.	Feng, Bin, et al., "Molecular Cloning and Characterization of <i>WdPKS1</i> , a Gene Involved in Dihydroxynaphthalene Melanin Biosynthesis and Virulence in <i>Wangiella (Exophiala) dermatitidis</i> ," <i>Infection and Immunity</i> , <b>69</b> (3):1781-1794 (2001).	
	9.	Feng, Guo Hong, et al., "Characterization of the Polyketide Synthase Gene ( <i>pkSL1</i> ) Required for Aflatoxin Biosynthesis in <i>Aspergillus parasiticus</i> ," <i>Journal of Bacteriology</i> , <b>177</b> (21):6246-6254 (1995).	
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	12.	Linnemannstons, Pia, et al., "The Polyketide Synthase Gene <i>pkS4</i> from <i>Gibberella fujikuroi</i> Encodes a Key Enzyme in the Biosynthesis of the Red Pigment Bikaverin," <i>Fungus Genetics and Biology</i> , <b>37</b> (2):134-148 (2002).	
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	14.	Punt, Peter J., et al., "Transformation of Filamentous Fungi Based on Hygromycin B and Phleomycin Resistance Markers," <i>Methods in Enzymology</i> , <b>216</b> :447-457 (1992).	
Examiner Signature			Date Considered

VA- 88248

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				Examiner Name	To Be Assigned
Sheet	2	of	2	Attorney Docket Number	53262-20100.00

15.	Punt, Peter J., et al., "Transformation of <i>Aspergillus</i> Based on the Hygromycin B Resistance Marker from <i>Escherichia coli</i> ," <i>Gene</i> , <b>56</b> :117-124 (1987).	
16.	Royer, John C., et al., "Deletion of the Trichodiene Synthase Gene of <i>Fusarium venenatum</i> : Two Systems for Repeated Gene Deletions," <i>Fungal Genetics and Biology</i> , <b>28</b> :68-78 (1999).	
17.	Schaefer, Didier G., "Gene Targeting in <i>Physcomitrella patens</i> ," <i>Current Opinion in Plant Biology</i> , <b>4</b> (1):143-150 (2001).	
18.	Shibayama, Mayumi, et al., "Suppression of Tandem-Multimer Formation During Genetic Transformation of the Mycotoxin-Producing Fungus <i>Penicillium paxilli</i> by Disrupting an Orthologue of <i>Aspergillus nidulans</i> <i>uvsC</i> ," <i>Current Genetics</i> , <b>42</b> :59-65 (2002).	
19.	Shortle, David, et al., "Lethal Disruption of the Yeast Actin Gene by Integrative DNA Transformation," <i>Science</i> , <b>217</b> :371-373 (1982).	
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22.	Zhang, A., et al., "Efficient Disruption of a Polyketide Synthase Gene ( <i>pks1</i> ) Required for Melanin Synthesis Through <i>Agrobacterium</i> -Mediated Transformation of <i>Glarea lozoyensis</i> ," <i>Mol. Gen. Genomics</i> , <b>268</b> :645-655 (2003).	
23.	Data Base Accession No. X65866.	

\*EXAMINER: Initial if information considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>Applicant is to place a check mark here if English language Translation is attached.

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